WHAT IS CLAIMED IS:

1. An image data output apparatus comprises:

a data obtaining section for sequentially obtaining a plurality of image data representative of a plurality of images;

a data editing section for performing a layout processing that images represented by the image data sequentially obtained by said data obtaining section are disposed in order of obtaining of the image data by a number permitted in arrangement as many as possible on a maximum size of sheet of a plurality of predetermined sizes of sheets, and editing image data representative of images disposed by the number permitted in arrangement as many as possible on the maximum size of one sheet onto image data representative of whole images to be recorded on the one sheet;

a sheet selection section for automatically selecting from among the plurality of predetermined sizes of sheets a minimum size of sheet capable of recording the whole images represented by image data edited by said data editing section; and

a data output section for outputting the image data edited by said data editing section together with data representative of a size of a sheet onto which the whole images represented by the image data are recorded.

2. An image data output apparatus according to claim 1, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while an arrangement position on the sheet of the images already disposed on the sheet is fixed.

3. An image data output apparatus according to claim 1, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while a position on the sheet of the images already disposed on the sheet is permitted in movement.

4. An image data output apparatus according to claim 1, wherein said data editing section performs processing in which images are disposed by a number permitted in arrangement as many as possible, permitting an arrangement in which images turn sideways.

5. An image data output program storage medium storing an image data output program in which when the image data output program is executed in a computer, an

image data output apparatus is implemented in the computer, said image data output apparatus comprising:

a data obtaining section for sequentially obtaining a plurality of image data representative of a plurality of images;

a data editing section for performing a layout processing that images represented by the image data sequentially obtained by said data obtaining section are disposed in order of obtaining of the image data by a number permitted in arrangement as many as possible on a maximum size of sheet of a plurality of predetermined sizes of sheets, and editing image data representative of images disposed by the number permitted in arrangement as many as possible on the maximum size of one sheet onto image data representative of whole images to be recorded on the one sheet;

a sheet selection section for automatically selecting from among the plurality of predetermined sizes of sheets a minimum size of sheet capable of recording the whole images represented by image data edited by said data editing section; and

a data output section for outputting the image data edited by said data editing section together with data representative of a size of a sheet onto which the whole images represented by the image data are recorded.

6. An image data output program storage medium

according to claim 5, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while an arrangement position on the sheet of the images already disposed on the sheet is fixed.

7. An image data output program storage medium according to claim 5, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while a position on the sheet of the images already disposed on the sheet is permitted in movement.

8. An image data output program storage medium according to claim 5, wherein said data editing section performs processing in which images are disposed by a number permitted in arrangement as many as possible, permitting an arrangement in which images turn sideways.